

JUN 14 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2005. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

## Complete if Known

Application Number	10/650,323
Filing Date	August 28, 2003
First Named Inventor	NORMAN HERRON
Group Art Unit	1755 1774
Examiner Name	UNKNOWN Yamnitzky
Attorney Docket Number	UC0220USNA

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
Mey	US -	2003/0017361 A1	01/23/2003	Thompson et al.	_____
Mey	US -	2003/0162299 A1	08/28/2003	Hsieh et al.	_____
Mey	US -	2003/0068526 A1	04/10/2003	Kamatani et al.	_____
Mey	US -	2003/0059646 A1	03/27/2003	Kamatani et al.	_____
Mey	US -	2002/0182441 A1	12/05/2002	Lamansky et al.	_____
Mey	US -	2002/0068190 A1	06/06/2002	Tsuboyama et al.	_____
Mey	US -	2002/0064681 A1	05/30/2002	Takiguchi et al.	_____
Mey	US -	2002/0063516 A1	05/30/2002	Tsuboyama et al.	_____
Mey	US -	2002/0055014 A1	05/09/2002	Okada et al.	_____
Mey	US -	2002/0034656 A1	03/21/2002	Thompson et al.	_____
Mey	US -	2002/0024293 A1	02/28/2002	Igarashi et al.	_____
Mey	US -	2002/0022149 A1	02/21/2002	Watanabe et al.	_____
Mey	US -	2001/0053462 A1	12/20/2001	Mishima	_____
Mey	US -	2001/0019782 A1	09/06/2001	Igarashi et al.	_____
	US -				
	US -				
	US -				
	US -				
	US -				

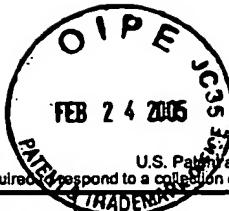
## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
Mey		EP 1 349 435 A1	10/01/2003	Canon	_____	<input type="checkbox"/>
Mey		EP 1 348 711 A1	10/01/2003	Canon	_____	<input type="checkbox"/>
Mey		EP 1 191 614 A2	03/27/2002	Canon	_____	<input type="checkbox"/>
Mey		EP 1 191 613 A2	03/27/2002	Canon	_____	<input type="checkbox"/>
Mey		EP 1 191 612 A2	03/27/2002	Canon	_____	<input type="checkbox"/>
Mey		JP2003-73387 A	03/12/2003	Canon	_____	<input type="checkbox"/>
Mey		WO 03/000661 A1	01/03/2003	Canon	_____	<input type="checkbox"/>
Mey		WO 02/15645 A1	02/21/2002	Princeton Univ, USC, & Universal Display Corp	_____	<input type="checkbox"/>
Mey		WO 02/074015 A2	09/19/2002	Princeton Univ & USC	_____	<input type="checkbox"/>
Mey		WO 01/41512 A1	06/07/2001	Princeton Univ & USC	_____	<input type="checkbox"/>
Mey		WO 00/70655 A2	11/23/2000	Princeton Univ & USC	_____	<input type="checkbox"/>

Examiner Signature	Marie R. Yamnitzky	Date Considered	Sept. 28, 2005
--------------------	--------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
on a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheep

1

2

<b>Complete If Known</b>	
Application Number	10/650,323
Filing Date	August 28, 2003
First Named Inventor	Norman Herron Et. Al.
Art Unit	1755-1779
Examiner Name	Unknown Yannitzky
Attorney Docket Number	UC0220USNA

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**Examiner  
Signature**

Marie R. Yamnitzky

Date \_\_\_\_\_

Sept. 28, 2005

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **\*Applicant's unique citation designation number (optional).** **\*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.** **\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).** **\*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.** **\*Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.** **\*Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete If Known	
				Application Number	10/650,323
				Filing Date	August 28, 2003
				First Named Inventor	Norman Herron Et. Al.
				Art Unit	1766-1774
				Examiner Name	Unknown Yamnitzky
Sheet	2	of	2	Attorney Docket Number	UC0220USNA

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
MRy		LEE, HAE WON et al., Electrophosphorescent Light Emitting Devices Using Mixed Ligand Ir(III) Complexes, Mat. Res. Soc. Sym. Proc., 2002, 119-123, 708, Materials Research Society.			<input type="checkbox"/>
MRy		GRUNDEMANN, STEPHAN et al., Abnormal Ligand Binding and Reversible Ring Hydrogenation in the Reaction of Imidazolium Salts with IrH <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> , J. Am. Chem. Soc., 2002, 10473-10481, 124, American Chemical Society.			<input type="checkbox"/>
MRy		KAWAMURA, YUICHIRO et al., Energy transfer in polymer electrophosphorescent light emitting devices with single and multiple doped luminescent layers, Journal of Applied Physics, July 1, 2002, 87-93, 92(1), American Institute of Physics.			<input type="checkbox"/>
MRy		LAMANSKY, SERGEY et al., Cyclometalated Ir complexes in polymer organic light-emitting devices, Journal of Applied Physics, August 2002, 1570-1575, 92(3), American Institute of Physics.			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

Examiner Signature	Marie R. Yamnitzky	Date Considered	Sept. 28, 2005
--------------------	--------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.